

REPORT NO.

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THIS IS UNEVALUATED INFORMATION

10. the impression that the Soviets, to an  
increasing extent, try to follow their own ways in the field of high frequency and telecommunications techniques. While in the previous year, the German and American influence on the development of Soviet electronic equipment was rather conspicuous, this was no longer the case in 1953. Generally, the sets shown by the Soviets were first-class with regard to both their designs and mechanical construction. They had almost reached the standard of the sets produced by Siemens. In particular, with regard to the electric side, the designs of the Soviet sets were up-to-date. The radio transmitters displayed by East German firms, their commercial sets, and measuring sets of all types had reached the level of Western production. The designs of some special equipment were even better than those of the West. However, the West German firms still experience difficulties in the field of production because of a shortage of materials. This applies particularly to tubes. Material requirements can be met only for high-quality sets which are manufactured in small series.

2. [ ] no technical novelties were shown at the Leipzig Fall Fair. The electronic equipment displayed by the Soviets indicated some technical progress and improved finishing quality.
3. The turnover of radio engineering plants controlled by the Main Administration for Radio Engineering Plants at the 1953 Leipzig Fall Fair amounted to 226,100,000 eastmarks, including exports valued at 12,280,000 eastmarks. With regard to the stipulations of the Potsdam agreement, only a passenger car telephone was shown in the category of decimetric wave equipment by the Sachsenwerk plant in Radeberg. Chinese representatives were greatly interested in this set. The HF Telecommunications Plant displayed high frequency measuring sets and television sets, while the Radio Engineering Plant in Dresden showed ultra-short wave radio telephony sets of various types besides measuring equipment.

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[redacted] 25X1

- 25X1 4. During the 1953 Leipzig Fall Fair, [redacted] observed electro-acoustic equipment on display. [redacted] the decimetric wave line established between Berlin and Leipzig for the transmission of television programs worked without failure. This was proved when the program of the NWDR television studio was transmitted to Leipzig. The poor quality of pictures during transmissions from the television studio in Adlershof was caused by defects of the receiving sets. 25X1

- 25X1 5. On [redacted] it was stated at a conference [redacted] 25X1

[redacted] that the result of the Leipzig Fall Fair had been very disappointing. Business transacted during the fair indicated that the buying power of the population had considerably dropped as compared with the preceding year. In 1952, many orders had been received by radio engineering enterprises although many of them could not be filled because of a shortage of materials. The manager of the [redacted] stated in this connection that electronic equipment, manufactured in East Germany had an average lifetime of two years at the most, and that efforts should be made to extend the guaranteed lifetime of sets to 15 years. 25X1

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